

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20050116698").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/12 15:58
S2	0	("2005/0116698").URPN.	USPAT	OR	ON	2005/12/12 11:06
S3	1268	(pwm OR (pulse ADJ width ADJ modulated)) SAME controller SAME comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 12:01
S4	809	S3 AND converter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 12:02
S5	347	(323/283).CCLS.	USPAT; USOCR	OR	OFF	2005/12/12 12:02
S6	23	S4 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 12:02
S7	7	("4975820"   "5534766"   "5696439").PN. OR ("6225794").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 13:17
S8	2801	duty ADJ cycle ADJ control	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 13:18
S9	33753	pwm OR (pulse ADJ width ADJ modulated)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 13:19
S10	936	S8 AND S9	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 13:19
S11	88	S10 AND discontinuous	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 13:19
S12	47	S11 AND comparator	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 13:20
S13	43	S12 AND controller	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 13:20

## EAST Search History

S14	5	("20040189264"   "5642267"   "5920475"   "6023158"   "6366070").PN. OR ("6956360").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 14:29
S15	461	prinz\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 14:32
S16	10	prinz-francois\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 14:32
S17	0	("2004/0239300").URPN.	USPAT	OR	ON	2005/12/12 14:48
S18	25	("20020031001"   "4323958"   "4803440"   "4884183"   "5397878"   "5486752"   "5566063"   "5612580"   "5867384"   "6020729"   "6100676"   "6115266"   "6191567"   "6268716"   "6329801"   "6366070"   "6445169"   "6504132"   "6515882"   "6555994"   "6557066"   "6661210"   "6661285"   "6791305"   "6853173").PN. OR ("6933711").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 15:03
S19	568	(323/284).CCLS.	USPAT; USOCR	OR	OFF	2005/12/12 15:03
S20	498	(323/285).CCLS.	USPAT; USOCR	OR	OFF	2005/12/12 15:04
S21	473	controller AND comparator AND discontinuous AND (duty ADJ cycle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 15:05
S22	302	controller AND comparator AND discontinuous AND (duty ADJ cycle) AND (pwm OR (pulse ADJ width ADJ modulat\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 15:06
S23	9	S19 AND S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 15:24

## EAST Search History

S24	50	("3458798"   "3579091"   "3582758"   "4071884"   "4107596"   "4146832"   "4309650"   "4395675"   "4428015"   "4456872"   "4479174"   "4519024"   "4578630"   "4610521"   "4634956"   "4672303"   "4716514"   "4727308"   "4801859"   "4819122"   "4823070"   "4843532"   "4884183"   "4922404"   "4928200"   "4929882"   "4931716"   "5028861"   "5097196"   "5144547"   "5170333"   "5193211"   "5237606"   "5336985"   "5396412"   "5481178"   "5498995"   "5552695"   "5565762"   "5572112").PN. OR ("6157182").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 15:12
S25	266	(323/271).CCLS.	USPAT; USOCR	OR	OFF	2005/12/12 15:24
S26	21	S25 AND S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 15:25
S27	2	S25 AND S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 15:26
S28	18	S20 AND S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 15:29
S29	138	S22 AND counter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 15:30
S30	15	S29 AND S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 15:58

## EAST Search History

S31	16	("5548206"   "5612610"   "5617016"   "5627460"   "5731731"   "5870296"   "5912552"   "5994885"   "6127815"   "6239509"   "6239585"   "6246220"   "6300810"   "6304066"   "6433525").PN. OR ("6621256").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 16:13
S32	856	discontinuous ADJ mode	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 16:14
S33	38265	comparator SAME counter	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 16:15
S34	39794	comparator SAME (counter OR accumulator)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 16:16
S35	12	S34 AND S8 AND S32 AND S9 AND controller	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 07:42
S36	132	oscillator SAME (duty ADJ cycle) SAME counter SAME comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 07:47
S37	55	S36 AND controller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 08:22
S38	348	(323/283).CCLS.	USPAT; USOCR	OR	OFF	2005/12/13 08:22
S39	234	S38 AND comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 08:23
S40	9198	digital ADJ counter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 14:33

## EAST Search History

S41	399320	comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 12:52
S42	6895	burst ADJ mode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 12:53
S43	62248	duty ADJ cycle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 12:54
S44	14	S40 AND S41 AND S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 12:54
S45	68227	counter same comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 14:32
S46	3269362	clock or rate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 14:32
S47	1375354	digital	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 14:32
S49	16320	S47 AND (S45 SAME S46)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 14:32

## EAST Search History

S50	1634	S49 AND S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 14:34
S51	106463	BUCK OR BOOST	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 14:34
S52	166	S50 AND S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 16:54
S53	105123	rate ADJ2 change	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 16:54
S54	9897	voltage adj feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 16:54
S55	125	S53 SAME S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 18:03
S56	1050	(323/282).CCLS.	USPAT; USOCR	OR	OFF	2006/04/03 18:03
S57	309	(323/351).CCLS.	USPAT; USOCR	OR	OFF	2006/04/04 09:10
S58	512	(323/285).CCLS.	USPAT; USOCR	OR	OFF	2006/04/04 09:16
S59	595	(323/284).CCLS.	USPAT; USOCR	OR	OFF	2006/04/04 09:16